

What is claimed as new and desired to be protected by Letters Patent is set forth in the appended claims.

I CLAIM:

1. A frame for a bicycle having front and rear wheels, comprising:
 - a) a main frame support on which the front wheel is mounted; and
 - b) a pair of frame support arms mounted on the main frame support and straddling the rear wheel to support the rear wheel in a use position for rotation about a rear wheel axis during bicycle motion, at least one of the frame support arms being movable to enable movement of the rear wheel away from the use position when the bicycle is not in motion.
2. The frame of claim 1, wherein said at least one frame support arm is pivotably mounted on the main frame support about a pivot axis parallel to the rear wheel axis.
3. The frame of claim 2, and a drive mounted on the main frame support, the drive including a pair of foot pedals rotatable about the pivot axis to rotate the rear wheel.
4. The frame of claim 2, wherein the main frame support includes an elongated seat support, and wherein said at least one frame support arm is mounted at two locations lengthwise spaced apart along the seat support.
5. The frame of claim 1, wherein each frame support arm has a generally triangular configuration.
6. The frame of claim 1, wherein the frame support arms are independently pivotably mounted on the main frame support.
7. The frame of claim 1, wherein both frame support arms are simultaneously pivotably movable to position the rear wheel closer to the front wheel for compact storage when the bicycle is not in motion.
8. The frame of claim 1, wherein said at least one frame support arm extends over the rear wheel to the rear wheel axis during bicycle motion, and is pivoted to a remote position

in which said at least one frame support arm is positioned away from the rear wheel axis to enable removal of the rear wheel in a direction axially of the rear wheel axis when the bicycle is not in motion.

9. The frame of claim 8, and a drive including a drive mechanism mounted on the other of the frame support arms, the drive mechanism remaining on the other of the frame support arms after the axial removal of the rear wheel.

10. The frame of claim 9, wherein the drive mechanism includes a gear changer, and wherein the drive includes a front pedal assembly rotatable about a pedal axis, and a chain connected between the front pedal assembly and the gear changer.

11. The frame of claim 9, wherein the drive mechanism includes a braking assembly.

12. The frame of claim 9, wherein the drive mechanism includes an axle extending between the frame support arms, a casing surrounding the axle, and a hub connected to a rim of the rear wheel.

13. The frame of claim 1, and a handlebar assembly operatively connected to the front wheel and mounted for turning movement on the main frame support to steer the front wheel.

14. The frame of claim 1, wherein said at least one frame support arm is mounted on the main frame support with a quick release fastener.

15. A frame for a bicycle having front and rear wheels, comprising:

- a) a main frame support on which the front wheel is mounted; and
- b) a frame support arm mounted on the main frame support and overlying the rear wheel to support the rear wheel in a use position for rotation about a rear wheel axis during

bicycle motion, the frame support arm being movable to enable movement of the rear wheel away from the use position when the bicycle is not in motion.

16. A bicycle, comprising:

- a) front and rear wheels;
- b) a main frame support on which the front wheel is mounted; and
- c) at least one frame support arm mounted on the main frame support and

overlying the rear wheel to support the rear wheel in a use position for rotation about a rear wheel axis during bicycle motion, said at least one frame support arm being movable to enable movement of the rear wheel away from the use position when the bicycle is not in motion.

17. The bicycle of claim 16, wherein the rear wheel is replaceable and identical with the front wheel.

18. A frame for a bicycle having front and rear wheels, comprising:

- a) a main frame support on which the front wheel is mounted; and
- b) a frame support arm mounted on the main frame support and overlying

the rear wheel to support the rear wheel in a use position for rotation about a rear wheel axis during bicycle motion, the rear wheel being mounted on the frame support arm to enable axial movement of the rear wheel away from the use position when the bicycle is not in motion.